

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, PAJ, Sequence Search, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE EMBL 'Online! 16 July 1992 (1992-07-16), "Human (clone CR) teratocarcinoma-derived growth factor 1 (TDGF1) gene, complete cds." XP002318960 retrieved from EBI accession no. EM_HUM:HSTDGF1A Database accession no. HSTDGF1A the whole document</p> <p style="text-align: center;">----- -/--</p>	14

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

7 March 2005

Date of mailing of the international search report

29/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Botz, J

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE GENBANK 'Online! gi 30220 emb X14253.1 HSCRIPTO 15 January 1996 (1996-01-15), CICCODICOLA,A., DONO,R., OBICI,S., SIMEONE,A., ZOLLO,M. AND PERSICO,M.G.: "Human mRNA for cripto protein" XP002318969 retrieved from NCBI Database accession no. X14253 the whole document	14
P,X	----- WO 2004/083375 A (MINCHIOTTI, GABRIELLA; PERSICO, MARIA; PARISI, SILVIA) 30 September 2004 (2004-09-30) the whole document	7-13
P,X	----- WO 2004/053084 A (THE MCLEAN HOSPITAL CORPORATION) 24 June 2004 (2004-06-24) the whole document	1-13
A	----- WALKER DOUGLAS G ET AL: "Increased expression of the urokinase plasminogen-activator receptor in amyloid beta peptide-treated human brain microglia and in AD brains" BRAIN RESEARCH, vol. 926, no. 1-2, 1 February 2002 (2002-02-01), pages 69-79, XP002318959 ISSN: 0006-8993 the whole document	1-14
A	----- WO 02/22808 A (BIOGEN, INC; WILLIAMS, KEVIN, P; FOLEY, SUSAN; SCHIFFER, SUSAN; DOMON,) 21 March 2002 (2002-03-21) cited in the application the whole document	1-14
A	----- ADAMSON E D ET AL: "ssripto: A tumor growth factor and more" JOURNAL OF CELLULAR PHYSIOLOGY, LISS, NEW YORK, NY, US, vol. 190, no. 3, March 2002 (2002-03), pages 267-278, XP002294487 ISSN: 0021-9541 the whole document	1-14
A	----- WO 02/059620 A (THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE S) 1 August 2002 (2002-08-01) the whole document	1-14

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2004/032649

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 1,7 (incompletely)
because they relate to subject matter not required to be searched by this Authority, namely:
see FURTHER INFORMATION sheet PCT/ISA/210
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box .II.1

Although claim 1 is directed to a diagnostic method practised on the human/animal body, the search has been carried out and based on the alleged effects of the compound, namely the association of Cripto-1 as a means of detecting neurodegenerative diseases in mammals.

Although claim 7 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound, namely the inhibition of Cripto-1 in association with inhibiting the progression of neurodegenerative diseases in mammals.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/032649

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 2004083375	A	30-09-2004	WO 2004083375 A2	30-09-2004
WO 2004053084	A	24-06-2004	WO 2004053084 A2	24-06-2004
			US 2004214324 A1	28-10-2004
WO 0222808	A	21-03-2002	AU 9272401 A	26-03-2002
			CA 2422814 A1	21-03-2002
			EP 1320604 A2	25-06-2003
			JP 2004524810 T	19-08-2004
			WO 0222808 A2	21-03-2002
			US 2003232755 A1	18-12-2003
WO 02059620	A	01-08-2002	CA 2434694 A1	01-08-2002
			EP 1370869 A2	17-12-2003
			WO 02059620 A2	01-08-2002